



# Linksys WRT54G Teardown

This guide will give you a look at the internals of a Linksys WRT54G Router.

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# INTRODUCTION

I will teach you how to disassemble this Router

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## TOOLS:

- [Phillips #2 Screwdriver](#) (1)
  - [Flathead 3/32" or 2.5 mm Screwdriver](#) (1)
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## Step 1 — Get your Linksys



- The Linksys WRT54G series is a series of Wi-Fi gateways manufactured by Linksys, a subsidiary of Cisco Systems.

## Step 2 — Antenna Removal



- Let's begin with the teardown! First, unscrew the antennas from the back of the router and set them aside.



## Step 3 — Front Panel Removal

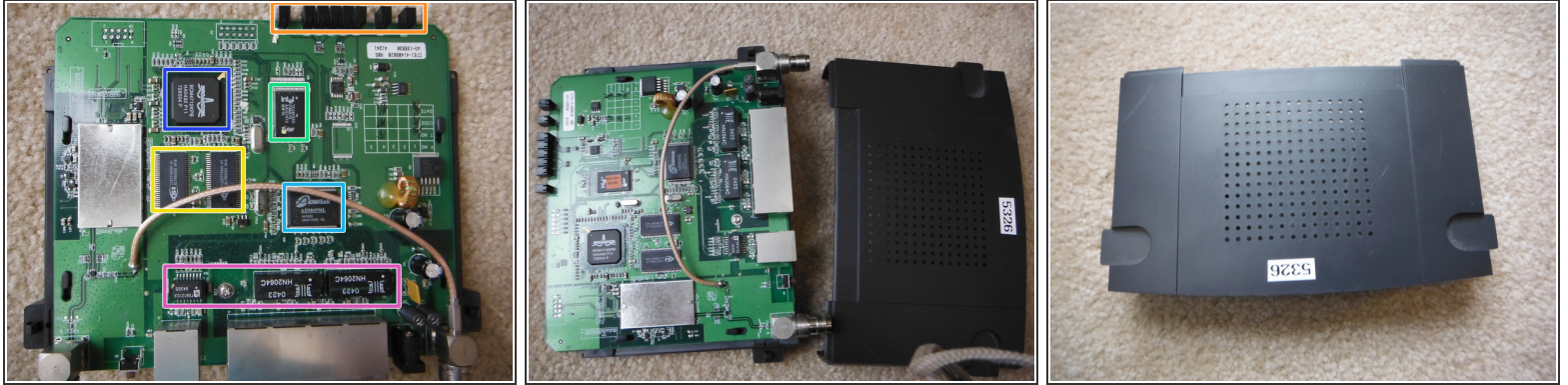


- Lets get into the internals! First, flip the unit over and insert a small flat-head screwdriver in between the warranty sticker and the front panel and pry it open.

⚠ Beware! It may take some effort to pry the panel off. Also, be careful not to damage the Motherboard, like I did.

ⓘ I hope you know this will void your warranty. Not that it matters, this was made in 2002...

## Step 4 — Remove Top Panel



- Now, slide the top plastic panel off and put it aside you now have a clear view of the motherboard.
- Intel TE28F320 Flash Memory
- Broadcom BCM4712KPB (I think it's a modem chip)
- Admtek ADM6996L Ethernet Controller
- Activity LEDs
- Issi 42S16400-6T Random Access Memory (Unsure of amount)
- Random Chips (That I was too lazy to research)

## Step 5 — Remove Motherboard



- Time to remove the Motherboard! Unscrew the single Phillips Screw, slide the motherboard and then lift it out.
- Single Phillips Head Screw
- Plastic Clips holding the Motherboard in place.

## Step 6 — Done!



- You're done! Thanks for sticking with me for my first teardown!
- ☑ If you want to reassemble this, just do this guide in reverse order!